

The following claims are presented for examination:

- 1.** (Previously Presented) A method comprising:
populating a cache with a resource only when at least i requests for said resource have been received;
wherein i is an integer and is at least occasionally greater than one.
- 2.** (Original) The method of claim 1 wherein the value of i is invariant.
- 3.** (Original) The method of claim 1 wherein the value of i is based on calendrical time.
- 4.** (Original) The method of claim 1 wherein said cache is populated with said resource only when at least i requests for said resource have been received within an elapsed time interval, Δt .
- 5.** (Original) The method of claim 4 wherein the duration of said elapsed time interval, Δt , is based on the value of i .
- 6.** (Original) The method of claim 4 wherein the value of i is based on calendrical time.
- 7.** (Original) The method of claim 4 wherein the duration of said elapsed time interval, Δt , is based on calendrical time.
- 8.** (Previously Presented) A data processing system comprising:
a cache for storing a resource; and
a processor for populating said cache with said resource only when at least i requests for said resource have been received;
wherein i is an integer and is at least occasionally greater than one.
- 9.** (Original) The data processing system of claim 8 wherein the value of i is invariant.
- 10.** (Original) The data processing system of claim 8 wherein the value of i is based on calendrical time.

11. (Original) The data processing system of claim 8 wherein said cache is populated with said resource only when at least i requests for said resource have been received within an elapsed time interval, Δt .

12. (Original) The data processing system of claim 8 wherein the duration of said elapsed time interval, Δt , is based on the value of i .

13. (Original) The data processing system of claim 8 wherein the value of i is based on calendrical time.

14. (Original) The data processing system of claim 8 wherein the duration of said elapsed time interval, Δt , is based on calendrical time.

15. (Previously Presented) A method comprising:
receiving at a first node in a computer network at least one request for a resource;
retrieving said resource from a second node in said computer network; and
populating a cache in said first node with said resource only when at least i requests for said resource have been received at said first node;
wherein i is an integer and is at least occasionally greater than one.

16. (Original) The method of claim 15 wherein the value of i is invariant.

17. (Original) The method of claim 15 wherein the value of i is based on calendrical time.

18. (Original) The method of claim 15 wherein said cache is populated with said resource only when at least i requests for said resource have been received within an elapsed time interval, Δt .

19. (Original) The method of claim 18 wherein the duration of said elapsed time interval, Δt , is based on the value of i .

20. (Original) The method of claim 18 wherein the value of i is based on calendrical time.

21. (Original) The method of claim 18 wherein the duration of said elapsed time interval, Δt , is based on calendrical time.

22. (Original) The method of claim 15:
wherein said computer network is a hierarchical computer network and said first node has m filial nodes;

wherein said cache is populated with said resource only when at least one request for said resource has been received from at least n of said m filial nodes; and

wherein m is an integer greater than one, n is an integer greater than one, and $m \geq n$.

23. (Original) The method of claim 15:

wherein said computer network is a hierarchical computer network and said first node has m filial nodes;

wherein said cache is populated with said resource only when at least one request for said resource has been received from at least n of said m filial nodes within an elapsed time interval, Δt ; and

wherein m is an integer greater than one, n is an integer greater than one, and $m \geq n$.

24. (Previously Presented) A first node in a computer network, said first node comprising:

a cache;

at least one receiver for receiving at least one request for a resource; and

a processor for retrieving said resource from a second node in said computer network, and for populating said cache in said first node with said resource only when at least i requests for said resource have been received at said first node;

wherein i is an integer and is at least occasionally greater than one.

25. (Original) The first node of claim 24 wherein the value of i is invariant.

26. (Original) The first node of claim 24 wherein the value of i is based on calendrical time.

27. (Original) The first node of claim 24 wherein said cache is populated with said resource only when at least i requests for said resource have been received within an elapsed time interval, Δt .

28. (Original) The first node of claim 27 wherein the duration of said elapsed time interval, Δt , is based on the value of i .

29. (Original) The first node of claim 27 wherein the value of i is based on calendrical time.

30. (Original) The first node of claim 27 wherein the duration of said elapsed time interval, Δt , is based on calendrical time.

31. (Original) The first node of claim 24:

wherein said computer network is a hierarchical computer network and said first node has m filial nodes;

wherein said cache is populated with said resource only when at least one request for said resource has been received from at least n of said m filial nodes; and

wherein m is an integer greater than one, n is an integer greater than one, and $m \geq n$.

32. (Original) The first node of claim 24:

wherein said computer network is a hierarchical computer network and said first node has m filial nodes;

wherein said cache is populated with said resource only when at least one request for said resource has been received from at least n of said m filial nodes within an elapsed time interval, Δt ; and

wherein m is an integer greater than one, n is an integer greater than one, and $m \geq n$.